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KEN FONSECA - SPRAGUE ENERGY (V-03-0127)

ANALYTICAL REPORT NO: 661406/ P41300173

SHORE TANK # 6 (AFTER DISCHARGE T/B POTOMAC)
SPRAGUE ENERGY, PROVIDENCE, RI
6 FUEL OIL ON JANUARY 20, 2003

TESTS	METHODS	RESULTS
GRAVITY, API @ 60 DEG F.	ASTM D 4052	10.6
FLASH POINT, F	ASTM D 93	>200
SEDIMENT & WATER, VOL. %	ASTM D 1796	0.10
SEDIMENT BY EXTRACTION, WT. %	ASTM D 473	0.04
VISCOSITY, @ 122 F, SFS/CST	ASTM D 445	164.0/347.4
POUR POINT, C	ASTM D 97	0
SULFUR, WT. %	ASTM D 4294	0.914
ASH, WT. %	ASTM D 482	0.04
GROSS BTU, LB. / GAL.	CALCULATED	18,355/152,218
NITROGEN, WT. %	ASTM D 5762	0.41
ASPHALTENES, WT. %	IP 143	7.00
CONRADSON CARBON RES. WT. %	ASTM D 189	11.9
WATER BY DISTILLATION, VOL. %	ASTM D 95	0.10
SODIUM, PPM WT.	ASTM D 5863	13
VANADIUM, PPM WT.	ASTM D 5863	45

THE ATTACHED CERTIFICATE REPRESENTS THE PRODUCT INSPECTED BY THE INSPECTION SERVICE ON THE DATE STATED ON THE CERTIFICATE IN THE TANK STATED BY THE INSPECTION SERVICE. SPRAGUE REPRESENTS THAT ANY PRODUCT IT MAY SELL AT THE RACK MAY DIFFER FROM SUCH INSPECTION CERTIFICATE BUT SUCH PRODUCT SHALL MEET THE SPECIFICATIONS AS MAY BE REQUIRED BY ANY APPLICABLE REGULATIONS WITHIN THE STATE THAT THE PRODUCT IS SOLD.

SGS OIL, GAS & CHEMICALS
BOSTON - JANUARY 23, 2003

JEFFREY L. SEELEY
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Member of the SGS Group (Société Générale de Surveillance)

Approved, 7/16/02 S.Mitchell

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